

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,680,670

Page 1 of 3

DATED : March 16, 2010

INVENTOR(S) : Claude Lamblin; David Virette; Balazs Kovesi; Dominique Massaloux

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE SPECIFICATION:

In Column 4, line 11, “Thoeretically” should read --Theoretically--

In Column 13, line 17, “ $|\tilde{j}|$ ” should read -- $|\tilde{y}|$ --.

In Column 16, line 10, “ $(T_i^j - R_{i-1}^j)$ ” should read -- $(T_i^j - T_{i-1}^j)$ --.

In Column 22, line 4, “ $S^1 = \{S_j^1\}_{j \in [3,4,5,6,8,10,12,13,14,15]}$ ” should read --
 $S^1 = \{S_j^1\}_{j \in [3,4,5,7,8,9,10,12,13,14,15]}$ --

In Column 22, line 50, should read -- $L^0 = \bigcup_{j \in [1, \dots, 15]} L_j^0$ --

In Column 23, line 57, should read -- $L^0 = \bigcup_{j \in [1, \dots, 15]} L_j^0$ --

In Column 24, lines 55-67, should read

-- $\sum_{k=1}^j L_k$: their sum for the dimensions 1 to j,

$\sum_{k=1}^j kL_k$: the memory required to store the leaders of all the dictionaries of
dimensions 1 to j with the property of partial composition by controlled extension.--

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It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE SPECIFICATION:

In Column 25, lines 45-56 should read

-- $\sum_{k=1}^j L_k$: their sum for dimensions 1 to j

$\sum_{k=1}^j kL_k$: the memory required to store the leaders of all the dictionaries of dimensions 1 to j with the two properties of embedding and of partial composition by controlled extension.--

In Column 26, line 66, " $x^3 \notin D_{i-1}^3$ " should read -- $x^3 \in D_{i-1}^3$ --

In Column 27, line 1, " x^j of L^0 " should read -- x^j of L^0 --

In Column 31, lines 19-30 should read

-- only over the set $L_j(i)$ of the L_{Dji} leaders of D_i^j (for $m^j \in [0, L_{Dj} [$, writing L_{Dj} --

In Column 32, lines 8-12 should read

-- for every index $m^j \in [0, L_{Dj} [$ --

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IN THE SPECIFICATION:

In Column 32, line 34 should read

$$-- \text{ps}(\tilde{y} | x^J) = \alpha \sum_{k=0}^{J'-1} (|\tilde{y}_k| \cdot x_k^{J'}) --$$

In Column 33, line 21, “j'(j'≥j)” should read -- j'(j'≤j)--

IN THE CLAIMS:

In Claim 29, Column 42, line 11, “εγ” should read -- ε --

IN THE ABSTRACT:

In line 6, “D'i<N>” should read -- D_i^N --

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